

## Electronic Patent Application Fee Transmittal

|   |   |                 |               |                             |
|---|---|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>              | 10006909                                  |                 |               |                             |
| <b>Filing Date:</b>                     | 06-Dec-2001                               |                 |               |                             |
| <b>Title of Invention:</b>              | Biosynthesis of isopentenyl pyrophosphate |                 |               |                             |
| <b>First Named Inventor:</b>            | Jay Keasling                              |                 |               |                             |
| <b>Filer:</b>                           | Paula A. Borden/Wilhelm Palmen, Jr        |                 |               |                             |
| <b>Attorney Docket Number:</b>          | 2000-0007                                 |                 |               |                             |
| Filed as Large Entity                   |   |                 |               |                             |
| <b>Utility      Filing Fees</b>         |   |                 |               |                             |
| <b>Description</b>                      | <b>Fee Code</b>                           | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                    |   |                 |               |                             |
| <b>Pages:</b>                           |   |                 |               |                             |
| <b>Claims:</b>                          |   |                 |               |                             |
| Claims in excess of 20                  | 1202                                      | 11              | 50            | 550                         |
| <b>Miscellaneous-Filing:</b>            |   |                 |               |                             |
| <b>Petition:</b>                        |   |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b> |   |                 |               |                             |
| Post-Allowance-and-Post-Issuance:       |   |                 |               |                             |
| Statutory disclaimer                    | 1814                                      | 1               | 130           | 130                         |

| Description        | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--------------------|----------|----------|--------|----------------------|
| Extension-of-Time: |          |          |        |                      |
| Miscellaneous:     |          |          |        |                      |
| Total in USD (\$)  |          |          |        | 680                  |